

## WHAT IS CLAIMED IS:

1. A house code assigning device for assigning a specific house code to one or more pieces of electronic equipment  
5 connected with each other via a common line in order to differentiate a system, in which the one or more pieces of electronic equipment are controlled through communication via the common line, from other systems, said device comprising:

a communication means for sending a command for  
10 requesting transmission of a house code to electronic equipment included in the system and for receiving a house code from the electronic equipment;

a verification means for verifying whether or not a house code received by said communication means is correct and for  
15 outputting a verification result showing whether or not the house code received by said communication means is correct; and

a display control means for controlling a light emitting means according to the verification result from said verification means.

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2. The house code assigning device according to Claim 1, wherein said display control means turns on said light emitting means when the verification result shows that the house code received by said communication means is correct, whereas said  
25 display control means blinks said light emitting means when the verification result shows that the house code received by said communication means is incorrect.

3. The house code assigning device according to Claim 1,  
30 wherein every time when said verification means determines that

the house code received by said communication means is incorrect, said verification means causes said communication means to send a correct house code and a house code assigning command for assigning the correct house code to said electronic equipment, 5 counts a number of times that said verification means verifies that the house code received by said communication means is incorrect, and outputs a verification result showing that the house code received by said communication means is incorrect when determining that the house code received by said 10 communication means is incorrect after the number of times that said verification means verifies that the house code received by said communication means is incorrect reaches a predetermined number of times.

15 4. The house code assigning device according to Claim 1, wherein when said house code assigning device makes sure that a certain piece of electronic equipment is newly connected to the house code assigning device, said communication means sends a command for requesting transmission of a house code to said 20 electronic equipment and receives a house code assigned to said electronic equipment.

25 5. The house code assigning device according to Claim 1, wherein said communication means can send a house code, a house code transmission request command for requesting transmission of a house code, and a house code assigning command for assigning a house code, and can receive a house code to and from electronic equipment connected to said house code assigning device, by way of a leased line that works from a small amount of DC electrical 30 power.

6. The house code assigning device according to Claim 1,  
wherein said communication means can send a house code, a house  
code transmission request command for requesting transmission  
5 of a house code, and a house code assigning command for assigning  
a house code, and can receive a house code to and from electronic  
equipment connected to said house code assigning device, by way  
of electrical power lines via which electrical power is supplied  
to the electronic equipment.